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ATTORNEY DOCKET NO. 08350.2706  
CUSTOMER NO. 22,852

22389 U.S. PTO  
10/680169  
100803

**Mail Stop Patent Application**

**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

New U.S. Patent Application  
Title: **SYSTEM FOR DETERMINING AN IMPLEMENT  
ARM POSITION**  
Inventors: Stephen Colburn and Paul C. Pawelski

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application- 26 pages, including 3 independent claims and 20 claims total.
2. Drawings- 6 sheets of drawings (Figures 1-6).
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to Caterpillar Inc.
5. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 4 documents attached.
6. The filing fee is calculated as follows:

The PTO did not receive the following  
listed item(s) PTO 1449 documents

Basic Application Filing Fee					\$770	\$ \$770.00
	Number of Claims		Basic	Extra Claims		
Total Claims	20	-	20	0	x \$18	0
Independent Claims	3	-	3	0	x \$86	0
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)					+\$290	
Subtotal						\$ 770.00
Reduction by 1/2 if small entity						-
TOTAL APPLICATION FILING FEE						\$ 770.00

7. A check for \$770.00 for the filing fee is enclosed.
8. A check for \$40.00 for the Assignment Recordation fee is enclosed.
9. This application is a Continuation-in-Part of, and claims priority to, U.S. Application No. 10/320,804, filed December 17, 2002.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

Please accord this application an application number and filing date and record and return the Assignment to the undersigned.

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: 

Dustin T. Johnson  
Reg. No. 47,684

CPI/DTJ/mas  
Enclosures